



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/705,716
Source: 1F20
Date Processed by STIC: 11/19/03

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/705,716

DATE: 11/19/2003

TIME: 16:22:40

Input Set : A:\AM100401Seq.txt

Output Set: N:\CRF4\11192003\J705716.raw

3 <110> APPLICANT: Robinson, John Allen
 4 Stojanovic-Susulic, Vedrana
 5 Babij, Philip
 6 Murrills, Richard John
 9 <120> TITLE OF INVENTION: A Novel PTH Responsive Gene
 11 <130> FILE REFERENCE: AM100401
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/705,716
 C--> 13 <141> CURRENT FILING DATE: 2003-11-10
 13 <150> PRIOR APPLICATION NUMBER: US 60/425,532
 14 <151> PRIOR FILING DATE: 2002-11-12
 16 <160> NUMBER OF SEQ ID NOS: 63
 18 <170> SOFTWARE: PatentIn version 3.2
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 2146
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Rat
 25 <400> SEQUENCE: 1
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 28 ggaggatggg ctgcggcggg agccgagccg atgccatcga gccccgctac tatgagagct 120
 30 ggacccggga gaccgagtc acctggctca cctacaccga ctccggacgg ctgcccagcg 180
 32 ccgcagccac ggacagcggc cccgaggcgg gcggcccgca cgcgggtgtg ctggaagacg 240
 34 ggccgtcctc taacggtgtg ctccgacctg cagccccagg tggaaatagc aaccagaga 300
 36 agaagatgaa ctgtgggacc caatgtccca actcacagag cctcagctca ggccctctga 360
 38 ccagaaagca gaatggcctt tggaccacag aggctaaaag ggatgccaaag cgaatgtctg 420
 40 caagagaagt cgctatcagc gtcacagaga atatccggca gatggacaga agtaaaaggg 480
 42 tcacaaagaa ctgcatcaat tagcaglgic tggglglgga agcacaatgaa cttctttgtg 540
 44 gcgtccagtc aaagaatatt gaagaagtgg gtgtcactca ctgaacgtgg atgcctclga 600
 46 gcgacgcacg gccacccacg cgggtgacgac catcccggtt tctgtttat cacatacaga 660
 48 aaatacatcg aaaagtcctg gaatatgttc acagattgcc aaactatggg ttgtttttcc 720
 50 tctctgcagc ttccgtagca gggctctgtg taaccatggg gaagcccggt ggccgtgaa 780
 52 tgaatatigq aatccccggg gcaaggagct cagcgtagcg tagaaatttc acagtgcgtg 840
 54 gtttcggaca agctcccttt tccctcttcc tttitaaata cggccattgt tttcacttaa 900
 56 gagctggctc tcaccaactc taaactcaaa aatacaagaa tcagagaaac agagagactc 960
 58 agaatgagat tcatcagtc tagcttcacg tgetgactcc ccggtgccta tgcggtgcct 1020
 60 ttaggagggtg tctatgacac acacacacac acacacacac acacacacac acacacacac 1080
 62 acacacctgt tccctccta cctggaaaag tctcccaggc tggcatcagg cattggcttc 1140
 64 cgaatcacia tgctacatgt ttggggccct tgcacccaac ctgcacccgc tttgggacct 1200
 66 agctccatgt ggcttttccc atagctttct agttccctgt tcttctcatg gactttgtac 1260
 68 tccagtcagg tcatattgag ctgtaataca agactggaca ccaactccgg gggaagggtga 1320
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 72 gaccglgtta ltttggtalc tgcaaaagaa ttagtttggg aagccagagc ctggttgatg 1440
 74 tatattcctg clgacatcag accaagaagg cactgtattg gaaagcagga agccaacaca 1500
 76 gccaagccat gctctqatat ggacccttcc cccacattcc taaacacatc ctcttgcaaa 1560

Don't comply
 with the
 6-7

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Input Set : A:\AM100401Seq.txt

Output Set: N:\CRF4\11192003\J705716.raw

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78 gtatggcaca gcctgagttt gaaaggaccg ttcacttgct tgggcttatt aaaqgtatag 1620
80 tccaagttgt gtcaaactgt atcaacagac tccacatcta gcagcaagag cagtctgggtg 1680
82 acatgtttat acgacacagt ccaagagaag taacctaaagc gggctaaaat gcagatgctc 1740
84 acgcctgtct ctgaagtgat ttctccaaca cagacagaac tgtaaactgt gcgtttattc 1800
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88 gtctggcagl cacgaccgta calctgactc tatggggagg cttgagactc aggagaalga 1920
90 cctgaaccct gcggcacagg accaaccatt qcaglggaat ctcaattcta ggtaaagggt 1980
92 agctttctat ccatacgaaa tgtatgtctt ctctctcgcc rtgtagacta cagttttccc 2040
94 caacctctct cacttgact ccttgtaaaa gggcttttag ggaacttcat gttctgacaa 2100
96 tttaactaat aaaacaaaag caagccccgt gaaaaaaaaa ccgggc 2146

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99 <210> SEQ ID NO: 2

100 <211> LENGTH: 145

101 <212> TYPE: PRT

102 <213> ORGANISM: Rat

104 <400> SEQUENCE: 2

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107 1 5 10 15
110 Glu Ser Trp Thr Arg Glu Thr Glu Ser Thr Trp Leu Thr Tyr Thr Asp
111 20 25 30
114 Ser Asp Ala Leu Pro Ser Ala Ala Thr Asp Ser Gly Pro Glu Ala
115 35 40 45
118 Gly Gly Leu His Ala Gly Val Leu Glu Asp Gly Pro Ser Ser Asn Gly
119 50 55 60
122 Val Leu Arg Pro Ala Ala Pro Gly Gly Ile Ala Asn Pro Glu Lys Lys
123 65 70 75 80
126 Met Asn Cys Gly Thr Gln Cys Pro Asn Ser Gln Ser Leu Ser Ser Gly
127 85 90 95
130 Pro Leu Thr Gln Lys Gln Asn Gly Leu Trp Thr Thr Glu Ala Lys Arg
131 100 105 110
134 Asp Ala Lys Arg Met Ser Ala Arg Glu Val Ala Ile Ser Val Thr Glu
135 115 120 125
138 Asn Ile Arg Gln Met Asp Arg Ser Lys Arg Val Thr Lys Asn Cys Ile
139 130 135 140
142 Asn
143 145

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146 <210> SEQ ID NO: 3

147 <211> LENGTH: 2847

148 <212> TYPE: DNA

149 <213> ORGANISM: Homo sapiens

151 <400> SEQUENCE: 3

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154 cggggacgcg atgtcgccgc cgcgcctcc ttgcgggccg gggctgcgcc tccggggctg 120
156 agccgcgcgc agagccgaca gccgagcagc cgctgggcgc tcccgcggcg caggaggatg 180
158 ggctgcggcg ggagccgggc ggatgccatc gagccccgct actacgagag ctggaccgcg 240
160 gagacagaat ccacctggct cacctacacc gactcggacg cgccgcccag cgccgcgcgc 300
162 ccggacagcg gcccgaagc gggcggcctg cactcgggca tgctggaaga tggactgcc 360
164 tccaatggtg tgcgccgac tacagcccca ggtggaatac ccaaccaga gaagaagacg 420
166 aactgtgaga cccagtgcgc aaatccccag agcctcagct caggccctct gaccagaaa 480
168 cagaatggcc ttcagaccac agaggctaaa agagatgcta agagaatgcc tqcaaaaqaa 540

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170 gtcaccatta atgtaacaga tagcatccaa cagalggaca gaagtcgaag aatcacaaag 600
172 aactgtgtca actagcagag agtccaagca gaagggcaga tggacttctt cagtgicctt 660
174 cacggcactg gatcccatca aagaaccttg aagaagtggc tgcccccttg tggacctgaa 720
176 ttctactgag tccttggaac gactgltcta cctggcagca aactgctgct tgatttgttg 780
178 ggaccttctg agccttctac ttatcatgta aalqlatlgg cacagtgtt acatatgtta 840
180 ataaaactgca aactgtgcagt tcagtttgtc tctttgcaac tcctgtaata cggctctggtg 900
182 taaaagtagt gagttaaacg tacaggtcag tttatgaaac agaaaagtag gaatgcattt 960
184 tctgggtgaa agagtacac cttagtgtta taactctctt gcccatgata gtgtattctg 1020
186 tttcaggcaa gcttattctt tccttcttct atttlaaata ttgtcattac aaatcttacc 1080
188 aggttcactt aaaagctggc tttcatccaa ctctaaacct acatattgaa aaaatcaagg 1140
190 tacaggaaaa ctcttggtta tcttggttct cttagcttgg tatgagacag atcggatcca 1200
192 gtttcccatg caccaaccca ctgcccattg catgltcttg ggaggtgtct gtgaagcagt 1260
194 catacctgct cctcatctgc ctggaaagtc ctctattctc agtgltccatg ttggcclcca 1320
196 gtcccttaatg tcaccatgct tglggccaat gcatccaaat aaggataccc ctgagggtctc 1380
198 agctagacat tgcaattttg catagctttc cagttccctt tgcttgtctt cttgactgtt 1440
200 ttccctctct atcgggggtca cttgcaattg ttaatcaaag attgaacact gcgtaggaga 1500
202 gggagatgat ccagagacat gtggcagcag gcatggcttc cccttggcct ctctgtacac 1560
204 tgccccagga ctgtcatttt ggcatctgca aaggaatcac ttaaaaaagc cagcacctgg 1620
206 ttgatgtgta ttcatactga cattagattg atgtgcactg cattagaaat gagglagctg 1680
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210 ctggaagtat tttcctccaa agtaatttag catgattttt caaggattgt taacatgcct 1800
212 gggattggga aagataggac taaagtgttg ccaaactata tcaataaatt ccatgtttag 1860
214 cagaaatagg cagcctattg gtgttatgtt lalgtaacat agtcagaga actgacatgc 1920
216 aggtcaaaag tcagatacgc aacctcttta tctgttaact ctgttattct tcaaacacaa 1980
218 gtggglagtg tcatttttcc ttcttctctt ccattggcag attgtatatt tattcacaaa 2040
220 acattaaatg tccatcctgt gccaggtaact atgcagatgt tgagggallt ggggtctggt 2100
222 tagtcgtgac tatctatcct gaatctaaca gtgacttcat aactaggaga ctgaattaga 2160
224 cccttaaggt atagtgtgtg ttgcaaatca ctctgcaatg gaaactttta tattcagggt 2220
226 aggttttgtg cttaaacctag gtgttctaata caatgtacaa gactttacca tacacgcaac 2280
228 tttagttttt ctaaaccttc atcattttgt gattctttga gaaagggtct ttaggaactt 2340
230 tatgttctaa aaaatgtttt taacaataat aagataaaaag aaaaacctgt galtcatatg 2400
232 tccccactgg cattactcag caggagcccc cagctgccaa aggttggcag tgatcctgca 2460
234 agttcaaggg ctcttctctc ctggggatgt gctttgtggc ttctctttac agctttgttt 2520
236 ctgcatcagt tcaactgtgc atgttgtttg gaalltatca ccttaagaaa gtgtctctgt 2580
238 ttatatataa aacactttct cacttacagg ggagaaggaa atgcagggca catgatctgg 2640
240 ccctccccag aacaatctgg atttcacgga gacagcaacc agaagttaaa ccattgtgact 2700
242 aaaaatgcat ctggctactt ttcatgttat gtatgagaca gaaactaatc cttactatcc 2760
244 tattaggata ccacttttca ttgcaaagtt tgtgtcaata aagtcattaa ttttaaacad 2820
246 aaaaaaaaaa aaaaaaaaaa aaaaaag 2847

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249 <210> SEQ ID NO: 4

250 <211> LENGTH: 145

251 <212> TYPE: PRT

252 <213> ORGANISM: Homo sapiens

254 <400> SEQUENCE: 4

256 Met Gly Cys Gly Gly Ser Arg Ala Asp Ala Ile Glu Pro Arg Tyr Tyr

257 1 5 10 15

260 Glu Ser Trp Thr Arg Glu Thr Glu Ser Thr Trp Leu Thr Tyr Thr Asp

261 20 25 30

264 Ser Asp Ala Pro Pro Ser Ala Ala Ala Pro Asp Ser Gly Pro Glu Ala

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Input Set : A:\AM100401Seq.txt

Output Set: N:\CRF4\11192003\J705716.raw

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265          35          40          45
268 Gly Gly Leu His Ser Gly Met Leu Glu Asp Gly Leu Pro Ser Asn Gly
269      50          55          60
272 Val Pro Arg Ser Thr Ala Pro Gly Gly Ile Pro Asn Pro Glu Lys Lys
273 65          70          75          80
276 Thr Asn Cys Glu Thr Gln Cys Pro Asn Pro Gln Ser Leu Ser Ser Gly
277      85          90          95
280 Pro Leu Thr Gln Lys Gln Asn Gly Leu Gln Thr Thr Glu Ala Lys Arg
281      100          105          110
284 Asp Ala Lys Arg Met Pro Ala Lys Glu Val Thr Ile Asn Val Thr Asp
285      115          120          125
288 Ser Ile Gln Gln Met Asp Arg Ser Arg Arg Ile Thr Lys Asn Cys Val
289      130          135          140
292 Asn
293 145
296 <210> SEQ ID NO: 5
297 <211> LENGTH: 271
298 <212> TYPE: DNA
299 <213> ORGANISM: Homo sapiens
301 <400> SEQUENCE: 5
302 atgggctgcg gcggggagccg ggcggatgcc atcgagcccc gctactacga gagctggacc      60
304 cgggagacag aatccacctg gctcacctac accgactcgg acgcgcgcgc cagcgccgcc      120
306 gccccggaca gcgggccccga agcggggcggc ctgcactcgg gctaaaagag atgctaagag      180
308 aatgcctgca aaagaagtca ccattaatgt aacagatagc alccaacaga tggacagaag      240
310 tcgaagaatc acaaagaact gtgtcaacta g                                     271
313 <210> SEQ ID NO: 6
314 <211> LENGTH: 54
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 6
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321 1          5          10          15
324 Glu Ser Trp Thr Arg Glu Thr Glu Ser Thr Trp Leu Thr Tyr Thr Asp
325      20          25          30
328 Ser Asp Ala Pro Pro Ser Ala Ala Pro Asp Ser Gly Pro Glu Ala
329      35          40          45
332 Gly Gly Leu His Ser Gly
333      50
336 <210> SEQ ID NO: 7
337 <211> LENGTH: 1988
338 <212> TYPE: DNA
339 <213> ORGANISM: Mouse
341 <400> SEQUENCE: 7
342 gcagcagcca cagccgcaag ccgagcggcc gccggggcgcg cccqcaacac gggaggatgg      60
344 gctgcggcgg gagccgagcc gatgccatcg agccccgcta ctacgaagat tggaccgggg      120
346 agacggagtc cacctggctc acctacaccg actcggacgc gctgcccagc gccgcagcca      180
348 cggacagcgg ccccgaggcg ggcggcctgc acgcgggtgt gctggaagac ggactgtcct      240
350 ctaacggggg gclccgacct gcagccccgg gtggaatagc caaccagag aagaagatga      300
352 actgtgggac ccaatgtccc aactcacaga acctcagctc aggccctctg acccagaaac      360

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Input Set : A:\AM100401Seq.txt

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354 agaatggcct ctgggccaca gaggctaaga gggatgctaa gcggatgtct gcaagagaag 420
356 tggctattaa cgltacagag aatattcggc agatggacag aagtaaaagg gtcaccaaga 480
358 acigcatcaa ttagcagtg cgggatgtg aggcagatga acttcttggt ggagtctagt 540
360 caaagaatcc tgaagaagtt gatgtcactc gatgagtgtg gatgcctctg agtgacacac 600
362 ggccacccaa cgctgtgacg aacatctcgg ttctctgttt atcacatata gaaaatacat 660
364 cgaaaagtcc tgaaatatgt tcatagattg ccaaaatgtg gtttgttttt tccctctctg 720
366 agcttccata gcatggtctg ctgtagccat ggcgactggc acagaaaggc tggagtaacg 780
368 gaatccctgt caaggagctc acactcgtgc agagctttct cagtgtgtgg ttgcagacaa 840
370 actccttctt tcctcctttt ctttttaaata cggccaccac aaaattttac tttttcactt 900
372 aagagctggc tcccagccaa ctctaaatcc agaaatacaa gaatccaaaa aaccagagag 960
374 actcggaacg agctgaatca gtcccagctt cacgtgtctg ctccccqgtg cctactcggg 1020
376 gtctttgaga ggtgtctatg agacacgcac atgcacacgc acacacacac acatacctgt 1080
378 ttctcctcta cctggaaaag actcccaggc tagcatccag gcgttggtt ccaaaccaga 1140
380 atgtcacatg tctgtggcct ttgtctccct tgggacctag cttcattgtg cttttcccca 1200
382 tagctttcca gttccctatt gttctggtgg gctttgtacc ttcagtcagg tggtcatttg 1260
384 cagctggaca cactcacag gggggaaagt gacctaggaa cacatggtgg cacacgtgat 1320
386 accccttttg cccttctgta cacagcccca aggaccatgt ttttttggg atctgcagag 1380
388 taattagttt ggaaagccag aggctggttg atgtatattc ctgttgacat agtctaacaa 1440
390 ggcactcact gtattgaaaa acaggcacca acatggtaaa gcgatgcttt gataggaacc 1500
392 cttccccagc attcctaagc acaccttctt gcagagtatg ttgacacagc atgagtctga 1560
394 aaggactgtt aacatgcttg ggcttattaa ggtccaagtc atatcaaact gtaccaacaa 1620
396 actcacatct agcagcaata gtagtctggc ggcatgctta cgtgacagtt caagagaagt 1680
398 caccacaagc gattaagatg cagatgctca ctgctgtctc tgacttattt ctccaacaca 1740
400 agtagaactg lagactgtat gtttattagt gttaagattc actgccaacc ttgtgccagc 1800
402 tacagtaaca gtcgcagagg gatttgaggt cgggaaglca cgaactgtact tctgactctg 1860
404 tgaggaggct tggtagctcag gagactgaca cggaccctgt ggcacaagac caatgattgc 1920
406 agtggaatct cacacttagg taaaggtagc tttctgtcaa tcacagatgt atgtcttctc 1980
408 ctttgccg 1988

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411 <210> SEQ ID NO: 8

412 <211> LENGTH: 145

413 <212> TYPE: PRT

414 <213> ORGANISM: Mouse

416 <400> SEQUENCE: 8

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419 1 5 10 15
422 Glu Ser Trp Thr Arg Glu Thr Glu Ser Thr Trp Leu Thr Tyr Thr Asp
423 20 25 30
426 Ser Asp Ala Leu Pro Ser Ala Ala Ala Thr Asp Ser Gly Pro Glu Ala
427 35 40 45
430 Gly Gly Leu His Ala Gly Val Leu Glu Asp Gly Leu Ser Ser Asn Gly
431 50 55 60
434 Val Leu Arg Pro Ala Ala Pro Gly Gly Ile Ala Asn Pro Glu Lys Lys
435 65 70 75 80
438 Met Asn Cys Gly Thr Gln Cys Pro Asn Ser Gln Asn Leu Ser Ser Gly
439 85 90 95
442 Pro Leu Thr Gln Lys Gln Asn Gly Leu Trp Ala Thr Glu Ala Lys Arg
443 100 105 110
446 Asp Ala Lys Arg Met Ser Ala Arg Glu Val Ala Ile Asn Val Thr Glu
447 115 120 125

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Input Set : A:\AM100401Seq.txt

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:11,12,13,14,25,26,27,28

Use of <220> Feature(NEW RULES): *error explanation*
Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:11,12,13,14

see p. 7 for error examples

10/705,716

7

<210> SEQ ID NO 11
<211> LENGTH: 16
<212> TYPE: PRT
<213> ORGANISM: Artificial *needs explanation*
<220> FEATURE:
<223> OTHER INFORMATION: : *see p. 6*
<400> SEQUENCE: 11
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1 5 10 15

<210> SEQ ID NO 12
<211> LENGTH: 12
<212> TYPE: PRT
<213> ORGANISM: Artificial
<220> FEATURE:
<223> OTHER INFORMATION: :
<400> SEQUENCE: 12
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1 5 10

<210> SEQ ID NO 13
<211> LENGTH: 13
<212> TYPE: PRT
<213> ORGANISM: Artificial
<220> FEATURE:
<223> OTHER INFORMATION: :
<400> SEQUENCE: 13
Glu Ala Lys Arg Asp Ala Lys Arg Met Asp Ala Lys Glu
1 5 10

<210> SEQ ID NO 14
<211> LENGTH: 14
<212> TYPE: PRT
<213> ORGANISM: Artificial
<220> FEATURE:
<223> OTHER INFORMATION: :
<400> SEQUENCE: 14
Gln Met Asp Arg Ser Arg Arg Ile Thr Lys Asn Cys Val Asn
1 5 10

VERIFICATION SUMMARY

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Input Set : A:\AM100401Seq.txt

Output Set: N:\CRF4\11192003\J705716.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:555 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial
L:555 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial
L:555 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:555
L:566 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:12, <213>
ORGANISM:Artificial
L:566 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:12, <213>
ORGANISM:Artificial
L:566 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:566
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial
L:577 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial
L:577 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:577
L:588 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
ORGANISM:Artificial
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